

WHAT IS CLAIMED IS:

1. A server system equipped with a hard disk drive which stores at least an operating system, an application software and a content data, and receives connections from a plurality of clients through a network, wherein the hard disk drive is provided with a mode changing switch capable of physically switching the mode of the hard disk drive between a normal mode in which writing to the hard disk drive can be performed and a read-only mode in which writing cannot be performed, whereby the hard disk drive can be operated in the read-only mode.

2. A server system according to claim 1, further comprising a sub hard disk drive composed of a writable hard disk drive, which is driven separately and in association with the hard disk drive, to which a log file and a swap file can be written at any time.

3. A server system according to claim 1, wherein the operating system is Linux.

4. A server system according to claim 1, further comprising a security system, which is operated by a sub central processing unit different from a central processing unit which is controlled by the operating system, wherein switching of the mode changing switch is controlled by the security system.

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5. A server system according to claim 4, wherein the security system can be connected through the network, and the mode changing switch can be controlled through the security system.

6. A server system according to claim 4, wherein the security system can be connected through the network, and is provided with an access judging function for judging between an access made from an internal source without going through the Internet and an access made from an external source through the Internet.

7. A server system according to claim 6, wherein the access judging function changes the mode changing switch to the normal mode with respect to the access made from the internal source, and changes the mode changing switch to the read-only mode with respect to the access made from the external source.

8. A server system according to claim 6, wherein, when the mode changing switch is in the read-only mode, the access judging function changes the mode changing switch to the normal mode with respect to the access from the internal source.

9. A server system according to claim 4, further comprising a manual switching unit for controlling the mode changing switch

of the security system.

10. A server system according to claim 4, wherein the security system comprises an automatic rebooting means for performing a reboot, upon detecting system down of the operating system.

11. A server system according to claim 1, further comprising a manual switching unit for manually performing switching of the mode changing switch.

12. A server system according to claim 11, wherein the manual switching unit includes an automatic rebooting means for performing a reboot, upon detecting the system down of the operating system.

13. A security system, which is connected to a server system to monitor the server system,

the server system including a hard disk drive storing at least an operating system, an application software, and a content data, and receiving connections from a plurality of clients through a network, and the hard disk drive including a mode changing switch, which is physically capable of switching the mode of the hard disk drive between a normal mode in which writing can be performed and a read-only mode in which writing cannot be performed,

the security system comprising a mode switching means, which

is operated by a sub central processing unit different from a central processing unit which is controlled by the operating system, for controlling the switching of the mode changing switch.

14. A security system according to claim 13, wherein the security system can be connected through the network, and can control the mode changing switch of the server system through the network.

15. A security system according to claim 13, wherein the security system can be connected through the network, and includes an access judging function for judging between an access made from an internal source without going through the Internet and an access made from an external source through the Internet.

16. A security system according to claim 15, wherein the access judging function changes the mode changing switch to the normal mode with respect to the access made from the internal source, and changes the mode changing switch to the read-only mode with respect to the access from the external source.

17. A security system according to claim 15, wherein, when the mode changing switch is in the read-only mode, the access judging function changes the mode changing switch to the normal mode with respect to the access from the internal source.

18. A security system according to claim 13, further comprising a manual switching unit for manually performing a control of the mode changing switch.

19. A security system according to claim 13, further comprising an automatic rebooting means for performing a reboot, upon detecting system down of the operating system of the server system.

20. A security system which is connected to a server system to monitor the server system,

the server system including a hard disk drive storing at least an operating system, an application software, and a content data, and receiving connections from a plurality of clients through a network,

the security system further comprising an automatic rebooting means for performing a reboot, upon detecting system down of the operating system of the server system.